

## EAST Search History

| Ref # | Hits  | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|----------|------------------|---------|------------------|
| L16   | 252   | communications monitoring.clm.                                      | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:11 |
| L17   | 71    | communications sensor.clm.  | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:11 |
| L18   | 18306 | real time.clm.  | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:11 |
| L19   | 131   | communications packets.clm.   | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:11 |
| L20   | 89    | arbitrary points.clm.   | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:12 |
| L21   | 21    | similarity calculator.clm.  | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:13 |
| L22   | 1     | formal similarity.clm.  | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:12 |
| L23   | 137   | packet streams.clm.   | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:13 |
| L24   | 131   | detecting intrusion.clm.  | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:13 |
| L25   | 0     | l16 and l17 and l18 and l19 and l20 and l21 and l22 and l23 and l24 | US-PGPUB | NEAR             | OFF     | 2007/12/17 21:13 |

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| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| L1    | 492530 | ((similar\$4 or same\$3 or compar\$4 or analy\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/17 20:19 |
| L2    | 84999  | ((stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4) near (duration\$3 or length\$3))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/17 20:20 |
| L3    | 28598  | I1 and I2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/17 20:20 |
| L4    | 17269  | I3 and @ad<"20020930"   | US-PGPUB;<br>USPAT   | OR               | OFF     | 2007/12/17 20:20 |
| L5    | 17783  | I3 and @ad<"20020930"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/17 20:20 |
| L6    | 651    | I5 and (communicat\$4 near (monitor\$3 or sens\$4 or surveillanc\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/17 20:21 |
| L7    | 378    | I6 and ((real\$3 or actual\$3 or present\$3) near time)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/12/17 20:30 |
| L8    | 7      | 726/11,13,23.ccls. and @ad<"20020930" and I7  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2007/12/17 20:37 |

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|     |       |   |  |    |     |                  |
|-----|-------|---|--|----|-----|------------------|
| L9  | 18922 | ((calculat\$3 or tall\$3 or estimat\$3 or determin\$4 or measur\$5 or comput\$3 or count\$3 or comput\$4) near ((similar\$4 or same\$3 or compar\$4 or analy\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17 20:36 |
| L10 | 0     | I7 and I9*  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17 20:36 |
| L11 | 121   | I7 and I9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17 21:10 |
| L12 | 2     | 726/11,13,23.ccls. and @ad<"20020930" and I11   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/17 20:45 |
| L14 | 2     | 709/224,227.ccls. and @ad<"20020930" and I11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17 20:46 |
| L15 | 0     | 713/153.ccls. and @ad<"20020930" and I11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17 20:46 |
| S1  | 1     | "6199113".pn.   | USPAT  | OR | OFF | 2007/12/04 16:46 |
| S2  | 1     | "20040123155"   | US-PGPUB   | OR | OFF | 2007/12/04 16:49 |
| S3  | 2     | "6453345".pn. "6735702".pn.   | USPAT  | OR | OFF | 2007/12/04 16:52 |

## EAST Search History

|     |      |  |                    |    |     |                  |
|-----|------|--|--------------------|----|-----|------------------|
| S4  | 42   | ("20040123155" "6199113"<br>"5442708" "5444782" "5640456"<br>"5896499" "20040034793"<br>"4802220" "5633931" "5778174"<br>"5835726" "5898830" "5923849"<br>"6006258" "6052788" "6108786"<br>"6119236" "6212191" "6252544"<br>"6304973" "6393569" "6429812"<br>"6463474" "6751738" "6795918"<br>"6931529" "6990515" "7069437"<br>"7082129" "7170860" "7269847"<br>"20020010800" "20020186683"<br>"20030009554" "20030097595"<br>"20030202514" "20030204746"<br>"20040073812" "20040098624"<br>"20040103314" "20040162992"<br>"20050021595" "20050022030"<br>"20050076228" "20050149747"<br>"20050268337" "20060005236"<br>"20060053486" "20060288408"<br>"20070101421" ).pn. and<br>(monitor\$4 or surveillanc\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/04 17:49 |
| S5  | 30   | S4 and ((similar\$4 or same\$3 or<br>compar\$4) near (stream\$3 or<br>flow\$3 or data\$3 or packet\$3 or<br>communicat\$4))  | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/04 18:03 |
| S6  | 7    | S5 and (graph\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/05 12:56 |
| S7  | 733  | 726/11,13,23.ccls. and<br>@ad<"20020930"   | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/05 12:53 |
| S8  | 41   | S7 and (communicat\$4 near<br>(monitor\$3 or sens\$4 or<br>surveillanc\$4))  | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/04 19:15 |
| S9  | 21   | S8 and ((similar\$4 or same\$3 or<br>compar\$4) near (stream\$3 or<br>flow\$3 or data\$3 or packet\$3 or<br>communicat\$4))  | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/04 19:15 |
| S10 | 6    | S9 and (graph\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/04 19:24 |
| S11 | 559  | 713/153.ccls. and @ad<"20020930"   | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/04 19:23 |
| S12 | 17   | S11 and (communicat\$4 near<br>(monitor\$3 or sens\$4 or<br>surveillanc\$4))   | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/05 12:52 |
| S13 | 4    | S12 and ((similar\$4 or same\$3 or<br>compar\$4) near (stream\$3 or<br>flow\$3 or data\$3 or packet\$3 or<br>communicat\$4))   | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/04 19:24 |
| S14 | 6921 | 709/224,227.ccls. and<br>@ad<"20020930"  | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/05 13:07 |

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|     |        |   |  |    |     |                  |
|-----|--------|---|--|----|-----|------------------|
| S15 | 413    | S14 and (communicat\$4 near (monitor\$3 or sens\$4 or surveillanc\$4))  | US-PGPUB; USPAT  | OR | OFF | 2007/12/04 19:24 |
| S16 | 152    | S15 and ((similar\$4 or same\$3 or compar\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4))                 | US-PGPUB; USPAT  | OR | OFF | 2007/12/04 19:34 |
| S17 | 60     | S16 and (graph\$3)  | US-PGPUB; USPAT  | OR | OFF | 2007/12/04 19:37 |
| S18 | 0      | S17 and ((similar\$4 or same\$3 or compar\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4) near (graph\$4)) | US-PGPUB; USPAT  | OR | OFF | 2007/12/17 20:17 |
| S19 | 0      | S16 and ((similar\$4 or same\$3 or compar\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4) near (graph\$4)) | US-PGPUB; USPAT  | OR | OFF | 2007/12/04 19:35 |
| S20 | 1      | "20030172302"   | US-PGPUB   | OR | OFF | 2007/12/05 16:18 |
| S21 | 135225 | ((((packet\$3 or communication\$3 or data\$3) or stream\$3) near (compar\$5))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/05 12:54 |
| S22 | 23268  | S21 and ((real\$3 or actual\$3 or present\$3) near time)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/05 13:07 |
| S23 | 66     | S22 and ((similar\$4 or same\$3 or compar\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4) near (graph\$4)) | US-PGPUB; USPAT  | OR | OFF | 2007/12/05 12:51 |
| S24 | 10     | S23 and (communicat\$4 near (monitor\$3 or sens\$4 or surveillanc\$4 or detect\$3 or firewall\$3 or filter\$4))                     | US-PGPUB; USPAT  | OR | OFF | 2007/12/05 12:56 |
| S25 | 6      | S24 and @ad<"20020930"  | US-PGPUB; USPAT  | OR | OFF | 2007/12/17 20:20 |
| S26 | 549    | 726/13,23.ccls. and @ad<"20020930"  | US-PGPUB; USPAT  | OR | OFF | 2007/12/05 13:05 |

## EAST Search History

|     |        |  |  |    |     |                  |
|-----|--------|--|--|----|-----|------------------|
| S27 | 203    | S26 and (((packet\$3 or communication\$3 or data\$3 or flow\$3) or stream\$3) near (compar\$5 or similar\$4 or same\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/05 12:55 |
| S28 | 24     | S27 and (communicat\$4 near (monitor\$3 or sens\$4 or surveillanc\$4 or detect\$3 or firewall\$3 or filter\$4))          | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:06 |
| S29 | 733    | 726/11,13,23.ccls. and @ad<"20020930"  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/17 20:29 |
| S30 | 41     | S29 and (communicat\$4 near (monitor\$3 or sens\$4 or surveillanc\$4))   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/17 20:21 |
| S31 | 21     | S30 and ((similar\$4 or same\$3 or compar\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4))      | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:10 |
| S32 | 6      | S31 and (graph\$3)   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 12:59 |
| S33 | 7      | S28 and (graph\$3)   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:10 |
| S34 | 289836 | ((similar\$4 or same\$3 or compar\$4) near (stream\$3 or flow\$3 or data\$3 or packet\$3 or communicat\$4))              | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:05 |
| S35 | 176979 | S34 and @ad<"20020930"   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:05 |
| S36 | 5877   | S35 and (communicat\$4 near (monitor\$3 or sens\$4 or surveillanc\$4 or detect\$3 or firewall\$3 or filter\$4))          | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:06 |
| S37 | 209    | 709/224,227.ccls. and S36  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:07 |
| S39 | 99     | S37 and ((real\$3 or actual\$3 or present\$3) near time)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/17 20:28 |
| S40 | 52     | S39 and (graph\$3)   | US-PGPUB;<br>USPAT   | OR | OFF | 2007/12/05 13:10 |

## EAST Search History

|     |    |   |                    |    |     |                  |
|-----|----|---|--------------------|----|-----|------------------|
| S41 | 41 | S40 and ((similar\$4 or same\$3 or compar\$4 or analyz\$3 or analysis\$3 or contrast\$3 or determin\$4 or match\$3 or equal\$4) near (duration\$3 or tim\$4)) | US-PGPUB;<br>USPAT | OR | OFF | 2007/12/05 13:14 |
| S42 | 2  | "5539659".pn. "5706210".pn.   | USPAT              | OR | OFF | 2007/12/05 16:19 |